

Title (en)
EXTENDED FOCUS CONTROL

Title (de)
AUSGEDEHNTE FOKUSSTEUERUNG

Title (fr)
COMMANDE DE FOCALISATION LONGUE PORTEE

Publication
EP 1627381 A1 20060222 (EN)

Application
EP 04732378 A 20040512

Priority
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Abstract (en)
[origin: US7548493B2] An apparatus for scanning a track on a record carrier has a head (41) for providing a beam of radiation and generating at least one sensor signal. The device has a focusing unit for controlling a focusing element to maintain an in-focus position for generating a focused spot on the track. The sensor signal is converted into a displacement signal by a multitude of piecewise converters (42, 43, 44), each converter converting a range of the sensor signal values into a position signal, and selection means (46) for selecting one of the position signals as the displacement signal based on an estimated displacement.

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IPC 8 full level
G11B 7/09 (2006.01); **G11B 7/095** (2006.01)

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